

Amendments to the Specification:

Please replace the paragraph at page 140, line 57 through page 141, line 15 with the following paragraph:

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-- >af161504 (TOXMARKER Assignment: 97; SEQ ID NO: 131 154)
gggccttatcggtgatttaatgataggtgtcatatataggacggagtaatctgttta
cattctgttcttcgtactcacaagcggtaacttagtgacaagaaaacaaagatc
ttattcaaaagaggtcttacagcaacccaacgtctcatcttccatagtaaagatgacgg
cgccgtgaggtaaagctacaggcaacaccactccgcgttcttgcgcctggccaag
atggcggatgaagccacgcacgttgtgtctgagatcccgtgtgaagactaacgc
ggaccccgagatcgtgagttgtgggtgcagcgaactgaaggaggaatcagtcccttac
cggtatgtggagaacaacaagaatgctgacaacgattggccactggagttcaacaag
gaaggaactcggtggggaaaatgctggatatccatgacctcctgaaatatgagttt
gacatcgagttgacattcctatcacatatcctactactgccccagaaattgcagttcc
gagctggatggaaaagacagcaaagatgtacaggggtggcaaaatatgcctgacggatcat
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gggctgggtccatggctggcagtggaaatccctgatctgattcagaagggcgtcatccac
cacaagagaaaatgcaccaatgaagaatcaagccactgaggcagggcagaggacctt
gataggctacgatactatccctgtgcatcacacttaactcatctaactgcctccccgg
acaccctccacctctaggttactaagttagtgcagtaggcattgtggggaaagaaaca
aacacacaccaaaacagtactgctacttagttctaaggctgcacagggaaaggaaagact
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tggaggcacggggtaactgaaagtgagtagatagttctgtgtttctggagataac
ccatcaataaaagctgcttcctgtgtaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa --
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Please replace the paragraph at page 145, line 44 through page 146, line 6 with the following paragraph:

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-- >aj242973 (TOXMARKER Assignment: 49; SEQ ID NO:139 140)
gccccgcgtcgacgtgacagccggtaacgcggattacggcgg
cctccaggccgcacgcacgcggccgcggccgcggccgcggccgcgg
ccggccgcggaccccactctctggccgtccggctcggtccgcgttagcgcgcgc
ccccgggaccacccttcggctggcccccctccatgctctggccacccggagggttgcc
agctccctccctccacagcctcttccgtccggatggcaactcgccctcgacaca
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cagaaaaaaactggccatgcagaagtgcgtccgagtggtgtaccagccagaacacatgagtt
ttgaggaactgctcaaggcttctggagaatcacgacccgacccaaaggatgcgcagg
ggaacgaccatggactcagtaccgcgcgtccatctacccgacccctgcaccaagaaatgg
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cagtgggtataaaaataattgtccccacatggtggcccttgaggttccagtaaaaa
tgcttcaacaaattggcaatgcttgcattcacaatcgtggcattaaagtgcaca
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McCabe , et al.
U.S.S.N. 10/663,418

aagtacaaaggaatttatacagattgggttaccgaagtataatctataggaggcgcat
ggcaagttgataaaatgtacttatctcctaataagttatggtgaggatggagctgtcg
gttcctgtgttctgggtctgagtgaagatagcaggatgctgtgttacccttctt
ggtagaagctaagggtgagctgggagggtgctggacaggatggggacccagaagtcc
tttatctgtgtctctgcccgcactgccttacaatttgcacacgtgtatagcctcagtg
actcattcgtgaaatccttcgcttacca--

Please replace the paragraph at page 148, lines 13-42 with the following paragraph:

-->ak026121 (TOXMARKER Assignment: 44; SEQ ID NO:141 138)
agttgctgtggaggccctggcacggctgcagcagggtgtgagcgcaccgtgcccac
tctggacactggcaggcagcgcggctgcactggagctggcgtagccctctgagccaca
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gctgtggagtttgcggcagcgcgggtggcaatgctgcccacacatctgaccgtgc
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acatggtcaggccctgcacgcgtggccggggaggctgtggagccacccttgaggac
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cacactgtc
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Insert the enclosed sequence listing, pages 1-86, at the end of the specification.